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TECHNICAL DATA SHEET

FEDCOAT TUFF-PRO

DESCRIPTION

FedCoat Tuff-Pro is a single component, water based, fast drying, acrylic polymer coating designed to provide excellent wear & abrasion performance properties on floors, bricks and roads. The coating exhibits excellent adhesion, protection, flexibility and UV resistance in one easy to apply product. Most RAL colours available.

FedCoat Tuff-Pro can be applied to all types of concrete, brick and tar road substrates.

PRINCIPLE USES

FedCoat Tuff-Pro is intended as a tuff hard-wearing protective coating for concrete, brick & road surfaces where high traffic conditions are challenging & where UV resistance is required. It has good corrosion, wear & abrasion resistance & minimal surface preparation is needed prior to application as the product is adhesion promoted in its design.

PERFORMANCE DATA

Description

Results

Pot Life (Minutes)	Not Applicable – single component product
Finish	Satin
Specific Gravity (g/ml)	1.2
Touch Dry (Hours) @ 25°C	1 hrs
Open Time / Over Coating Time @ 25°C	1 - 12 hrs
Hard Dry (Hours) @ 25°C	8 hrs
Walk on Dry (Hours) @ 25°C	18 hrs
Full Cure @ 25°C	2 days
Kit Size	5lt / 20lt
Volume Solids	50% (+/-2)
Theoretical Coverage (m²)	6m² p/lt @150µm DFT Depends on wastage & surface profile
Indicated WFT / DFT	300µm / 150µm per coat
Max Service Temperature	Atmospheric 65°C
Shelf Life @ 25°C	12 months

ADVANTAGES

- Low viscosity – easily applied by brush, roller or spray.
- Good abrasion resistance.
- Good resistance to moist substrates.
- UV Stable.
- Adhesion promoted – can be used on all concrete, brick and tar substrates.

SURFACE PREPARATION

Surface preparation of the substrate is important before application of **FedCoat Tuff-Pro**.

The substrate should be structurally sound and free of oil, dust and debris, grease, loose / bubbling paint, corrosion deposits, laitance, salts or other surface deposits. Moisture levels in concrete substrates should be below 5%.

If moisture levels exceed 5% **FedPrime MC808** should be applied prior to application.

MIXING

Mix using a mixer with a mixing paddle at medium speed for 2-3 minutes until paint is homogenous.

Ensure to rotate the mixer inside the container and into the corners of the container.

DO NOT ADD WATER FOR THINNING.

APPLICATION

Apply **FedCoat Tuff-Pro** to the recommended thickness (300µm WFT / 150µm DFT per coat) using an airless sprayer or brushes & rollers to a cleaned and prepared surface. A written specification always supersedes any application guideline. Do not exceed 500µm WFT per coat as it will result in “mud cracking” as it dries.

Apply subsequent coats within 1 to 12 hours after application. Should the over coating time be exceeded roughen the surface & wash the coating off with high pressure fresh water to remove any surface salts prior to over coating.

CLEANING

Clean hands and skin immediately after use with industrial hand cleaner.

Clean tools and equipment immediately after use with water.

LIMITATIONS

- Application temperatures between 5°C and 40°C.
- Max service temperature is 65°C.
- Avoid excessive application.
- Avoid contact with skin.
- Do not release into sewer or surface water.

STORAGE AND STABILITY

FedCoat Tuff-Pro has a shelf life of 12 months when stored in unopened containers in a cool, dry place. Failure to do so will result in a reduction of shelf life.

SAFETY AND HANDLING

FedCoat Tuff-Pro contains chemicals. Use only with adequate ventilation. Avoid breathing of vapours and prolonged or repeated skin contact. Protective clothing and gloves should be worn when handling this product.

All sources of ignition should be removed. If exposed, eyes should be well flushed with water for 15 minutes and medical attention must be sought instantly.

This product is for professional use only. The applicators and operators must be trained, experienced and have the ability and equipment to apply the coatings correctly and according to specification. Applicators and operators must use the appropriate PPE when using this product. The safety procedures applicable to the handling of chemical materials should be read, understood and rigidly adhered to.

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